

BINDING COMPOUNDS TARGETING THE NON-KINASE DOMAIN SEGMENT OF POLO-LIKE KINASES

Abstract of the Disclosure

5 The present invention relates to therapeutic compounds and methods of use
of these therapeutic compounds for treating cellular proliferative disorders. The
invention also provides three-dimensional structures of a Polo-like kinase and
methods for designing or selecting small molecule inhibitors using these
structures, and the therapeutic use of such compounds. The invention also
10 includes a method for identifying novel phosphopeptide-binding domains.